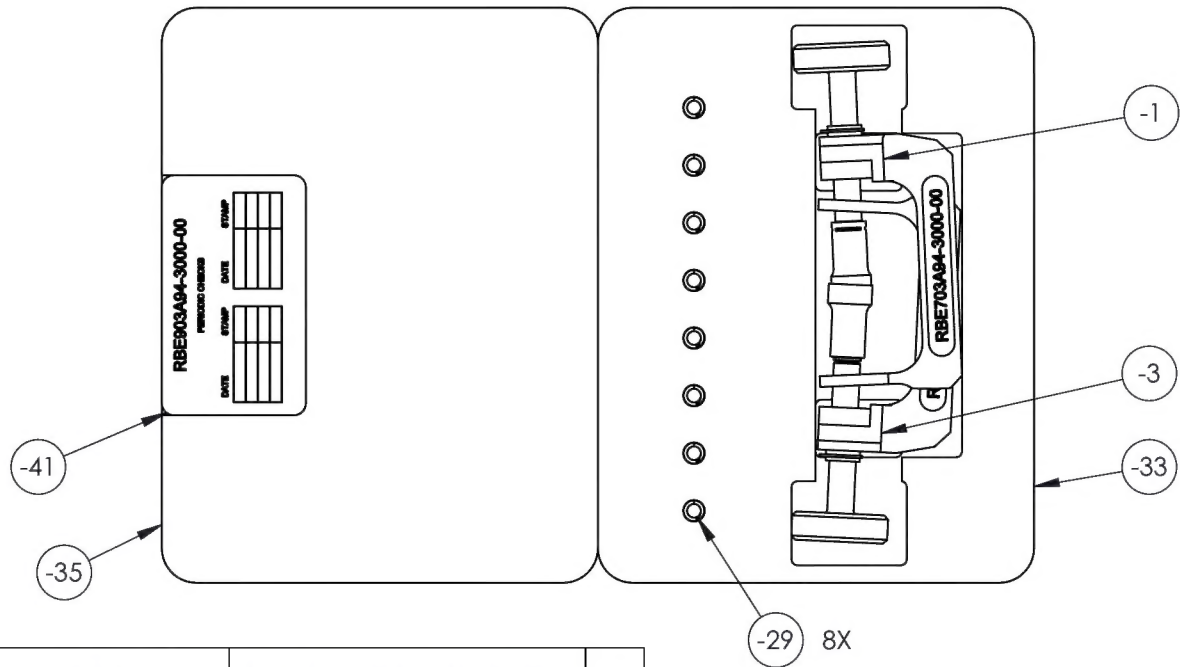


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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		X		-1	1	WIDE FRAME ASSY			2
	X			-3	1	NARROW FRAME ASSY			3
		1		-5		WIDE FRAME	6061		4
	1			-7		NARROW FRAME	6061	2-5/8 X 3-1/8 X 5-1/2	5
	1	1		-9		RADIUS BLOCK	6061	3/4 X 1-1/8 X 1-7/8	6
	1	1		-11		BRASS NUT	BRASS	Ø7/8 X 1-1/4	7
		1		-13		SLOTTED TIP	4140	Ø1 X 1-1/2	8
	1			-15		TIP	4140	Ø1 X 1-5/8	9
X	1	1		-17		KNOB ASSY			10
1				-19		KNOB	6061	Ø2 X 3-7/8	11
1				-23		BUSHING	BRASS	Ø1/2 X 1/2	12
1				-21		ROD	4140	Ø1/2 X 3-5/8	13
	1	1	B/O	-25		SNAP RING	STEEL	16.5mm MCMaster-CARR #98541A122	2-3
	2	2	B/O	-27		WASHER	STEEL	5/16 MCMaster-CARR #95229A460	2-3
	1	1	B/O	-29	8	SPRING	STEEL	CENTURY SPRING #A11-69	2-3
1			B/O	-31		SELF LOCKING SET SCREW	STEEL	8-32 X 3/4 MCMaster-CARR #91385A197	10
			B/O	-33	1	BOTTOM TOOL CUSHION	Y20 BLACK	11.98 X 9.08 X 3.95	14
			B/O	-35	1	TOP TOOL CUSHION	Y20, BLACK	11.98 X 9.08 X 1.2	15
			B/O	-37	1	CASE	PLASTIC	PELICAN #APP-1400-E	NS
	2	2	B/O	-39		NUMBER	VINYL	BLACK, CUT VINYL SIGNS NOW	16
				-41	1	PLACARD	ALUMINUM	.06 X 3 X 5	17
ASSY -17	ASSY -3	ASSY -1							

UNDER REVIEW

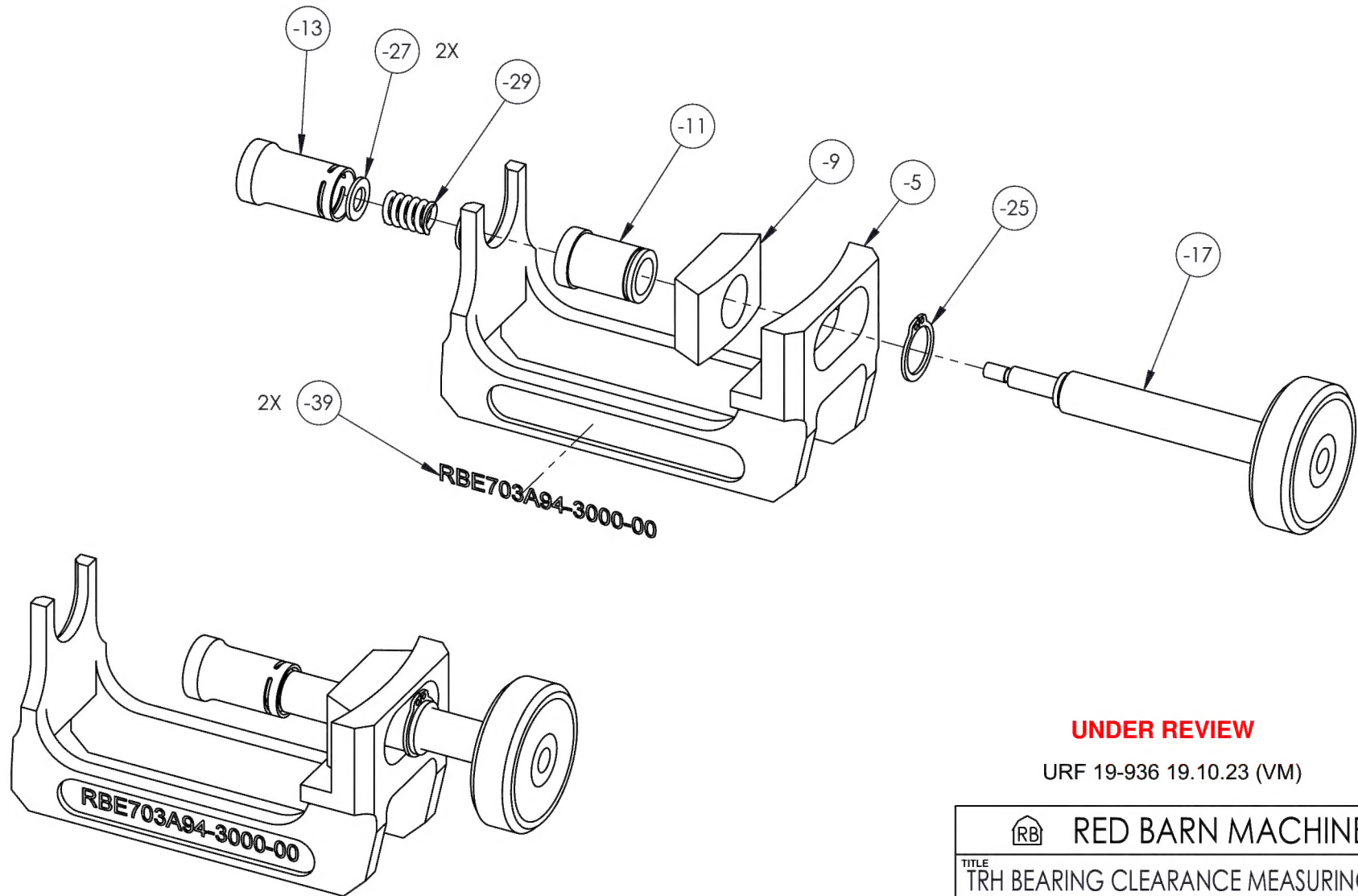
URF 19-936 19.10.23 (VM)

REF P/N 703A 94 3000 00

RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00	REV
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 1/12/2012
SHEET 1 OF 17	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

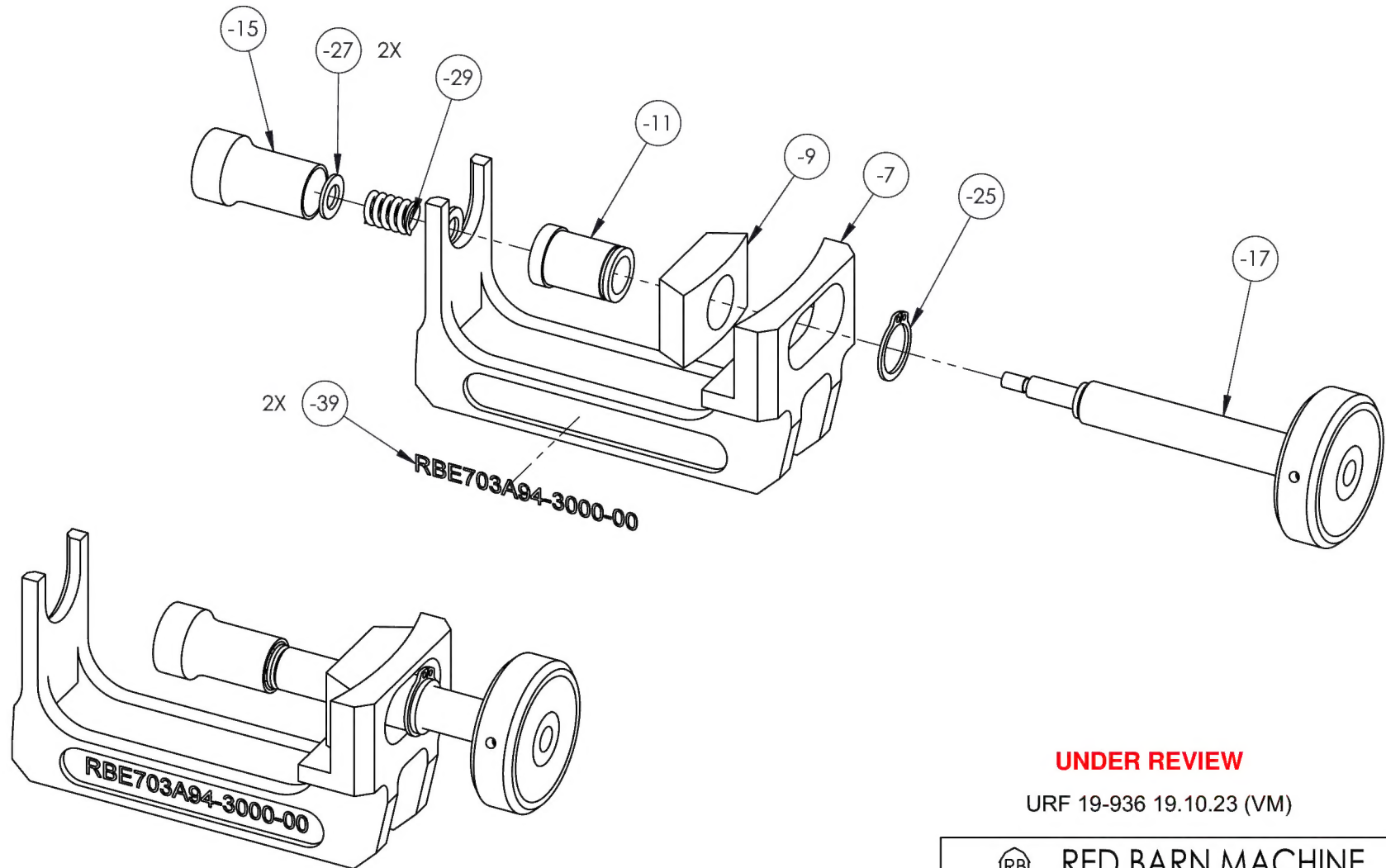


(-1)
WIDE FRAME ASSY

RED BARN MACHINE			
TITLE TRH BEARING CLEARANCE MEASURING TOOL			
DWG NO. RBE703A94-3000-00-1			REV
MAT'L		DRAWN BY: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005	FRACTIONS ± 1/32	HEAT TREAT	
.XX ± .01	ANGLES ± 5°	FINISH	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		EUROCOPTER	
SCALE 1:2	DATE 1/12/2012	SHEET 2 OF 17	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



UNDER REVIEW

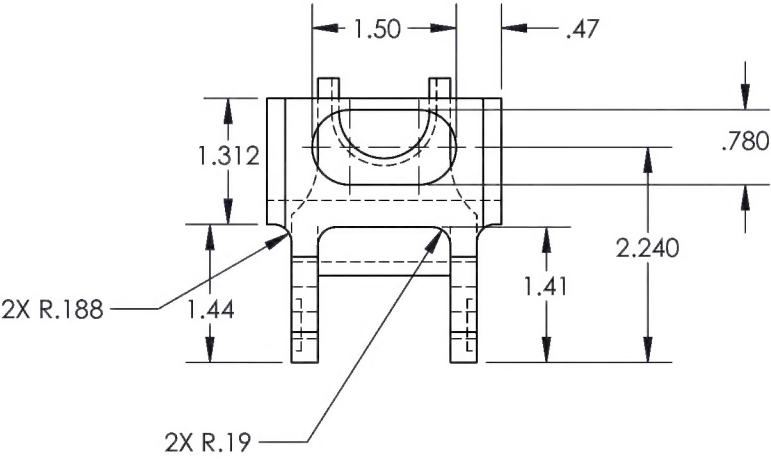
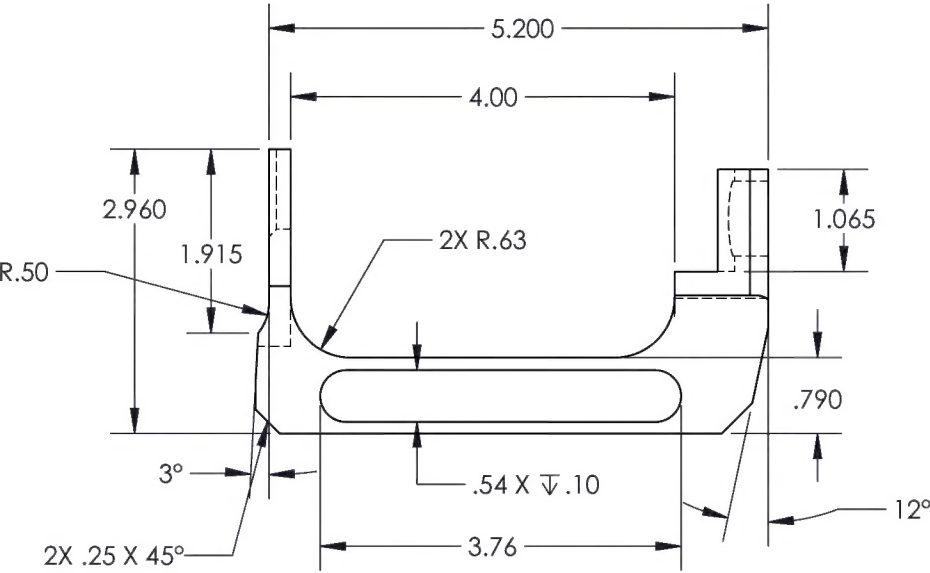
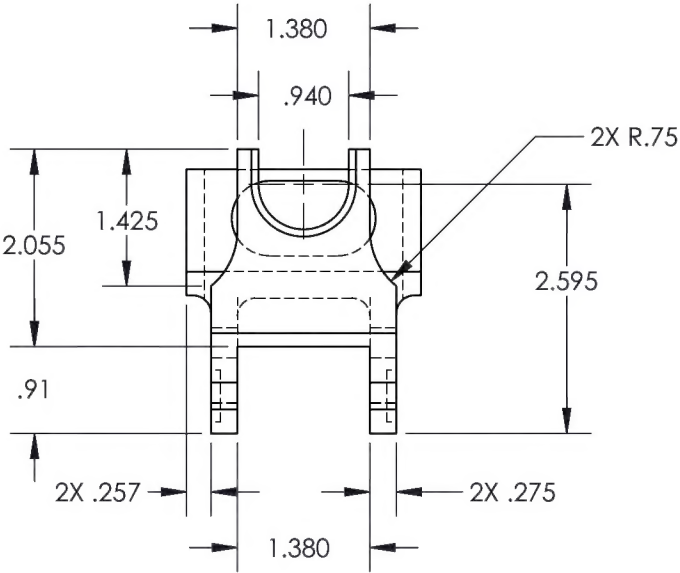
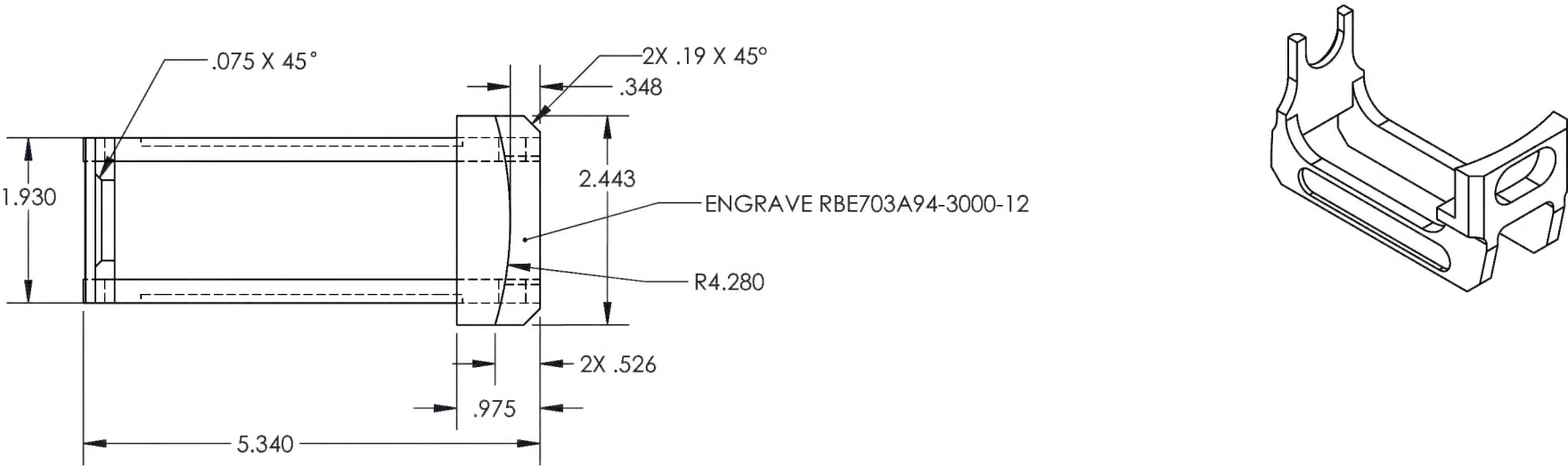
URF 19-936 19.10.23 (VM)

(-3)
NARROW FRAME ASSY

 RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00-3	REV
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER
SCALE 1:2	DATE 1/12/2012
SHEET 3 OF 17	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



UNDER REVIEW

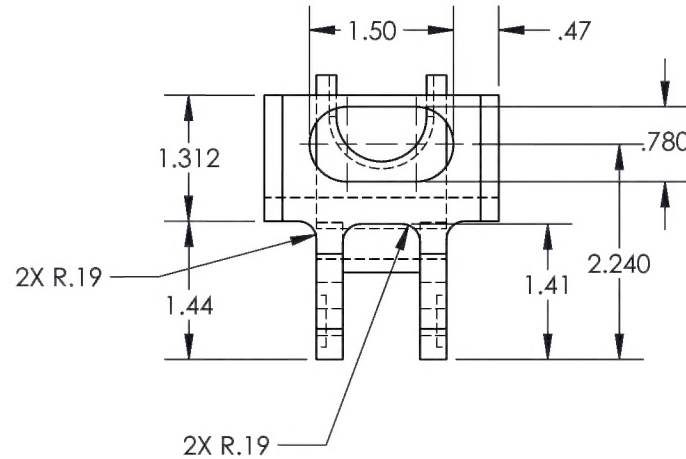
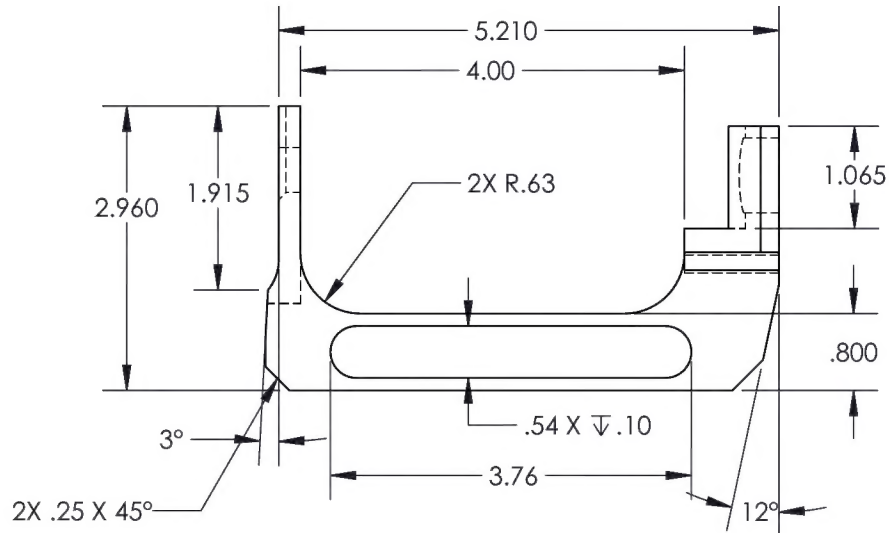
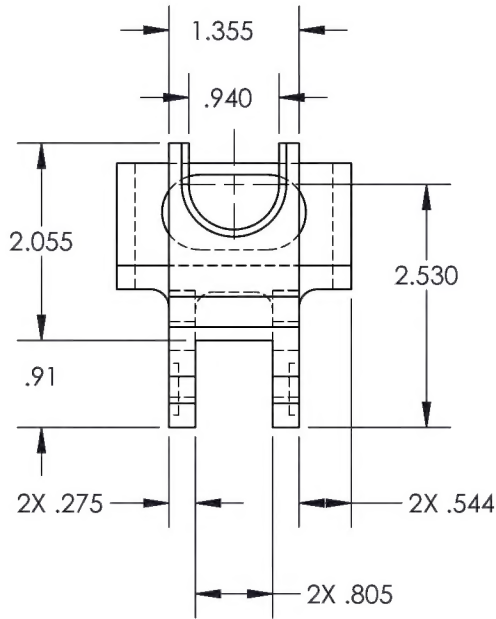
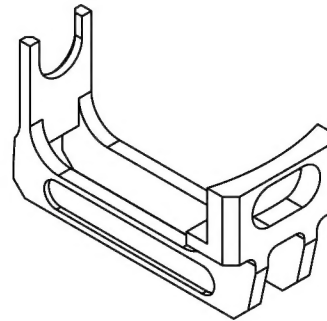
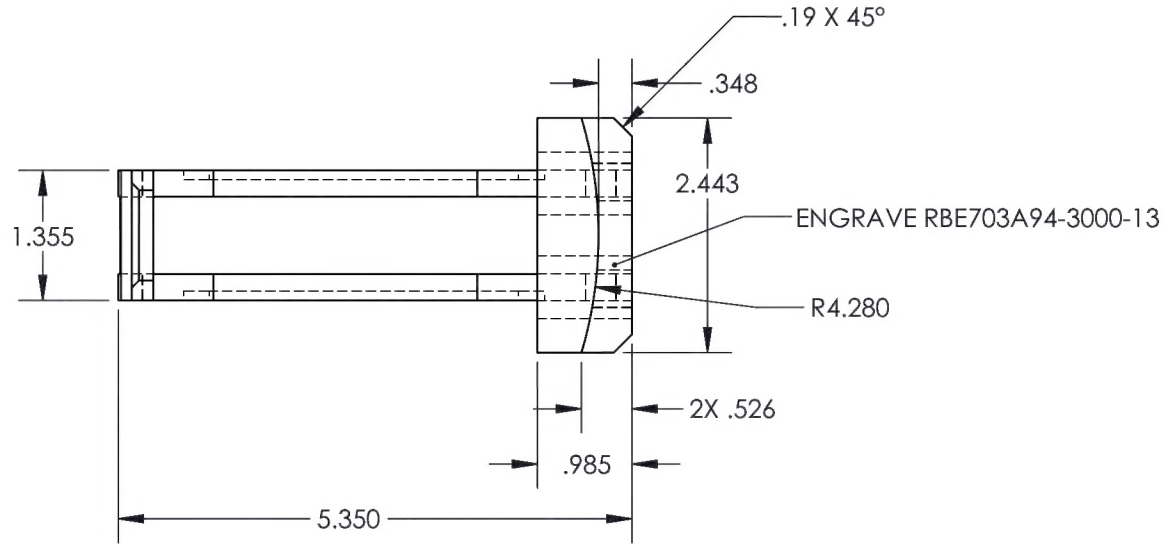
URF 19-936 19.10.23 (VM)

(-5)
WIDE FRAME

RED BARN MACHINE			
TITLE TRH BEARING CLEARANCE MEASURING TOOL			
DWG NO. RBE703A94-3000-00-5			REV
MAT'L 6061		DRAWN BY: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005		FRACTIONS ± 1/32	
.XX ± .01		ANGLES ± .5°	
.X ± .1		FINISH CLEAR ANODIZE	
1. BREAK ALL SHARP EDGES .015 x 45°		SPEC MIL-A-8625F, TYPE II, CLASS I	
OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		EUROCOPTER	
SCALE 1:2	DATE 4/30/2011	SHEET 4 OF 17	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



UNDER REVIEW

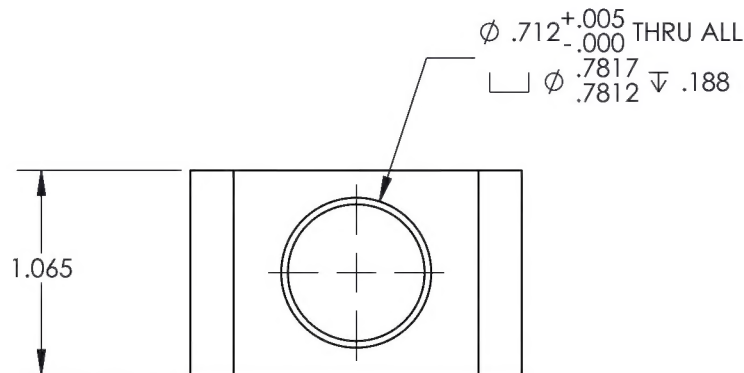
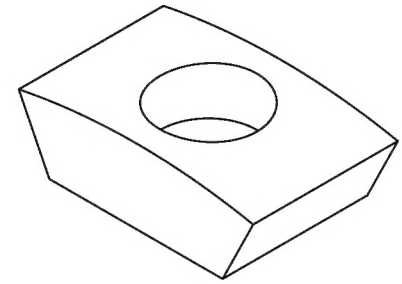
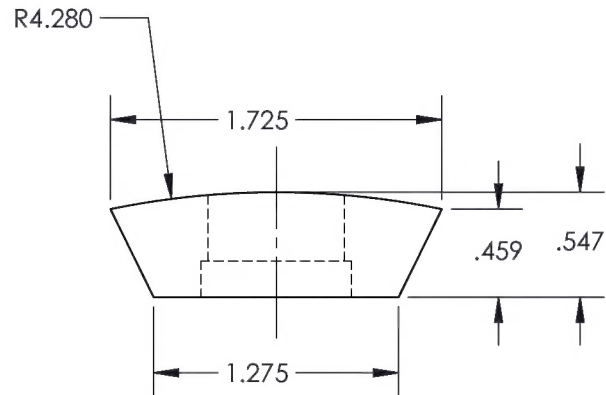
URF 19-936 19.10.23 (VM)

(-7)
NARROW FRAME

RED BARN MACHINE			
TITLE TRH BEARING CLEARANCE MEASURING TOOL			
DWG NO. RBE703A94-3000-00-7			REV
MAT'L 6061		DRAWN BY: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005		FRACTIONS ± 1/32	
.XX ± .01		ANGLES ± .5°	
.X ± .1		FINISH CLEAR ANODIZE	
1. BREAK ALL SHARP EDGES .015 x 45°		SPEC MIL-A-8625F, TYPE II, CLASS I	
OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		EUROCOPTER	
SCALE 1:2	DATE 4/30/2011	SHEET 5 OF 17	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL


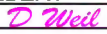


UNDER REVIEW

⑨

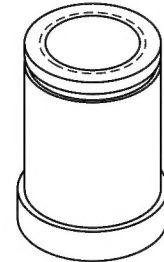
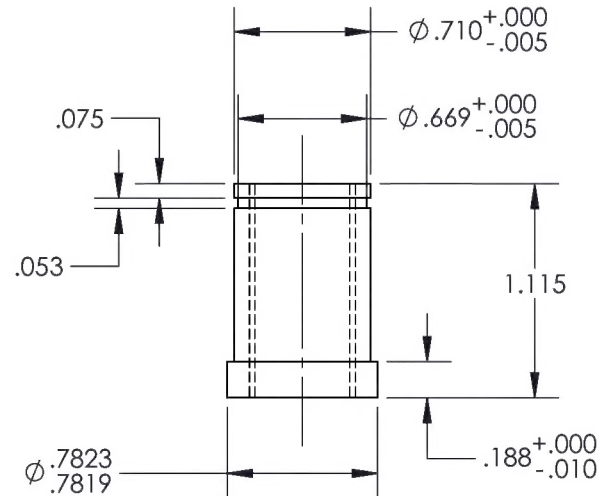
URF 19-936 19.10.23 (VM)

RADIUS BLOCK

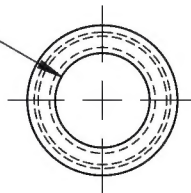
 RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00-9	REV 1
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I USED ON MODEL EUROCOPTER
SCALE 1:1	DATE 4/30/2011
SHEET 6 OF 17	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



M14X1.5 - 6H





(-11)

BRASS NUT

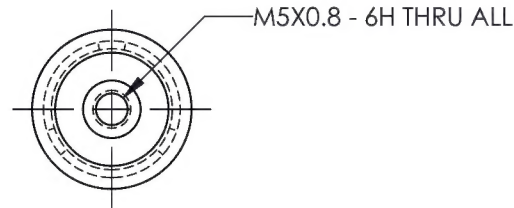
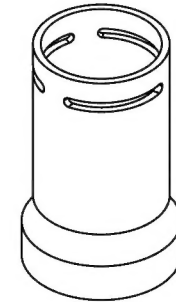
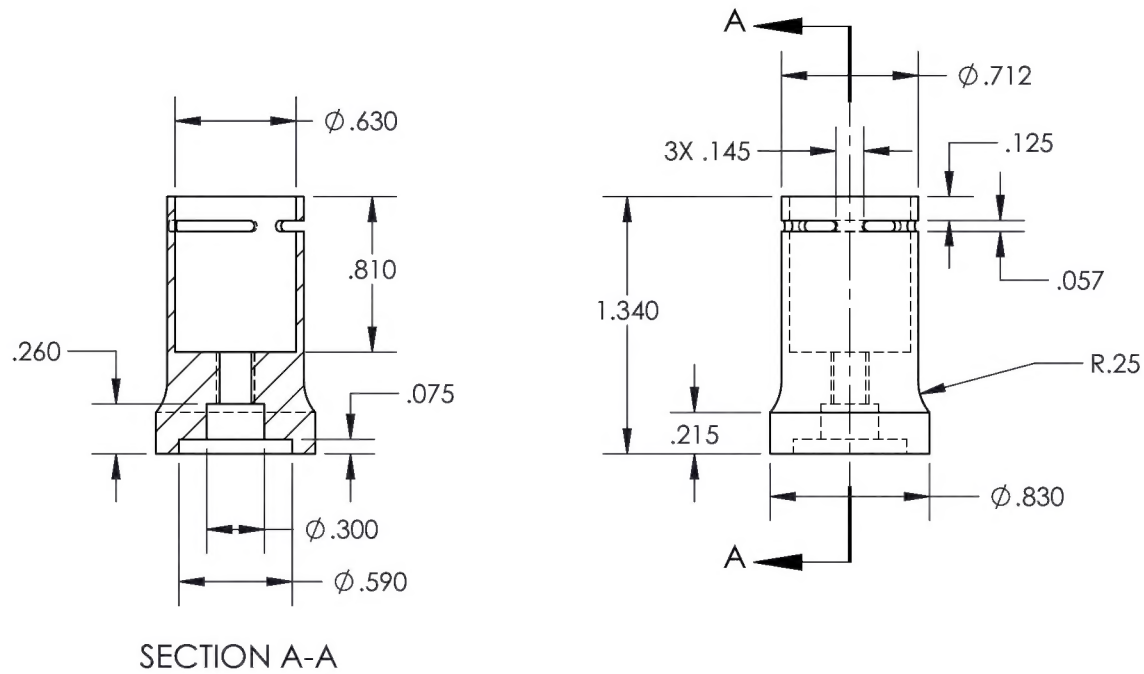
UNDER REVIEW

URF 19-936 19.10.23 (VM)

 RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00-11	REV
MAT'L BRASS	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SPEC USED ON MODEL EUROCOPTER
SCALE 1:1	DATE 1/12/2012
SHEET 7 OF 17	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



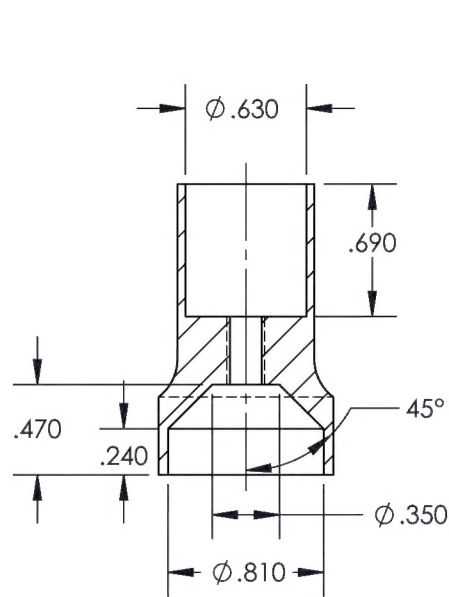
-13
SLOTTED TIP

UNDER REVIEW
URF 19-936 19.10.23 (VM)

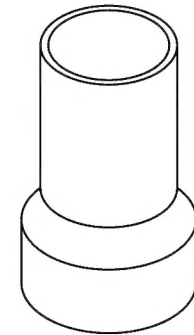
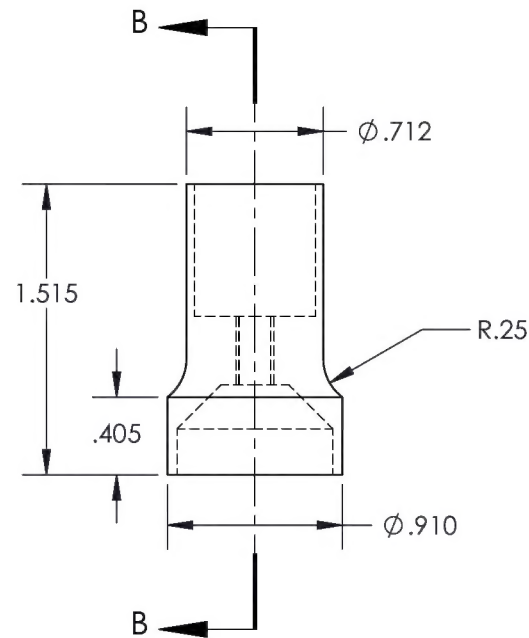
RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00-13	REV
MAT'L 4140	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER
SCALE 1:1	DATE 1/12/2012
SHEET 8 OF 17	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



SECTION B-B

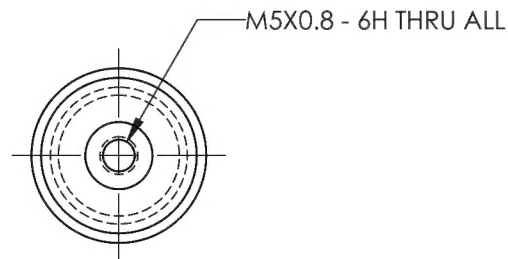


UNDER REVIEW

URF 19-936 19.10.23 (VM)

(-15)

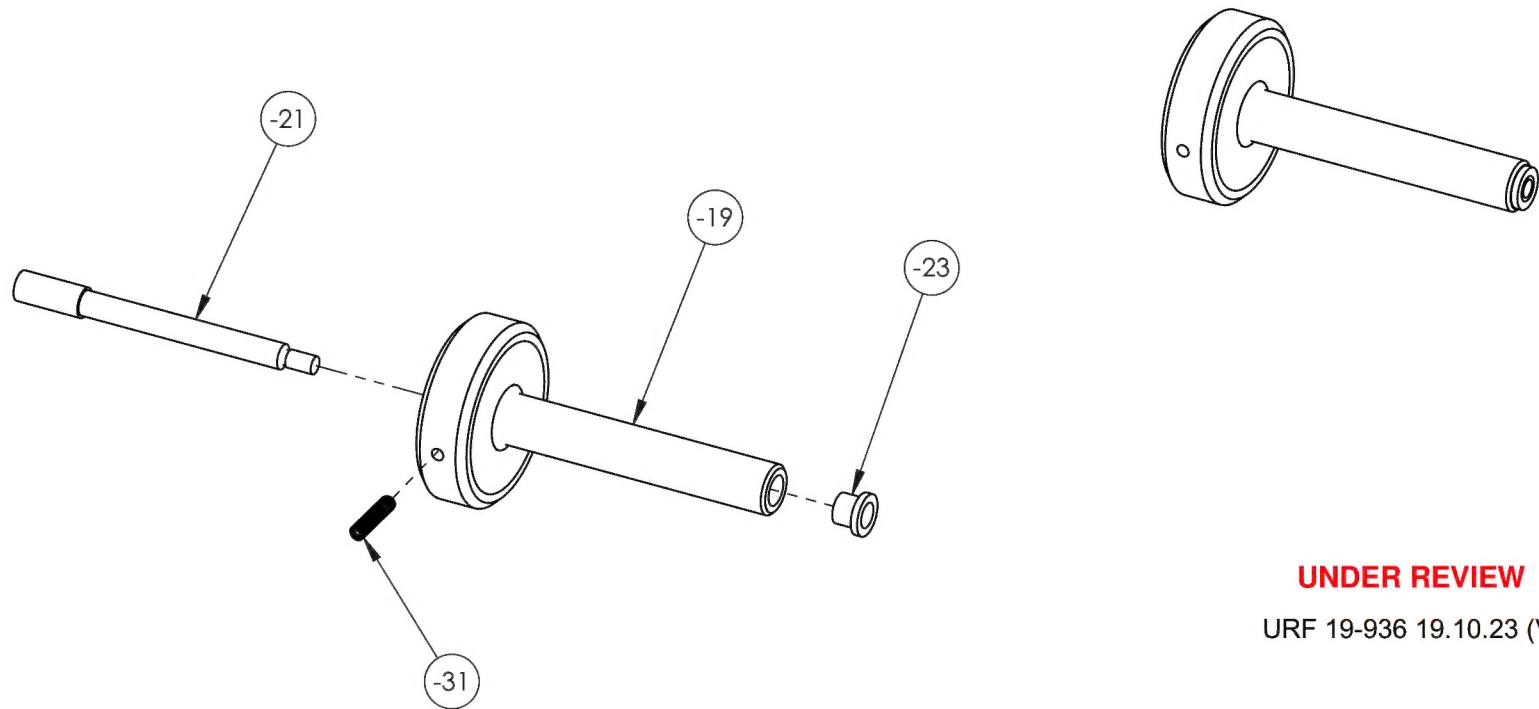
TIP



RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00-15	REV
MAT'L 4140	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER
SCALE 1:1	DATE 1/12/2012
SHEET 9 OF 17	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



UNDER REVIEW

URF 19-936 19.10.23 (VM)

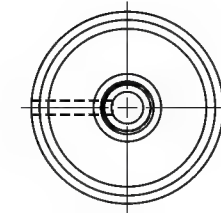
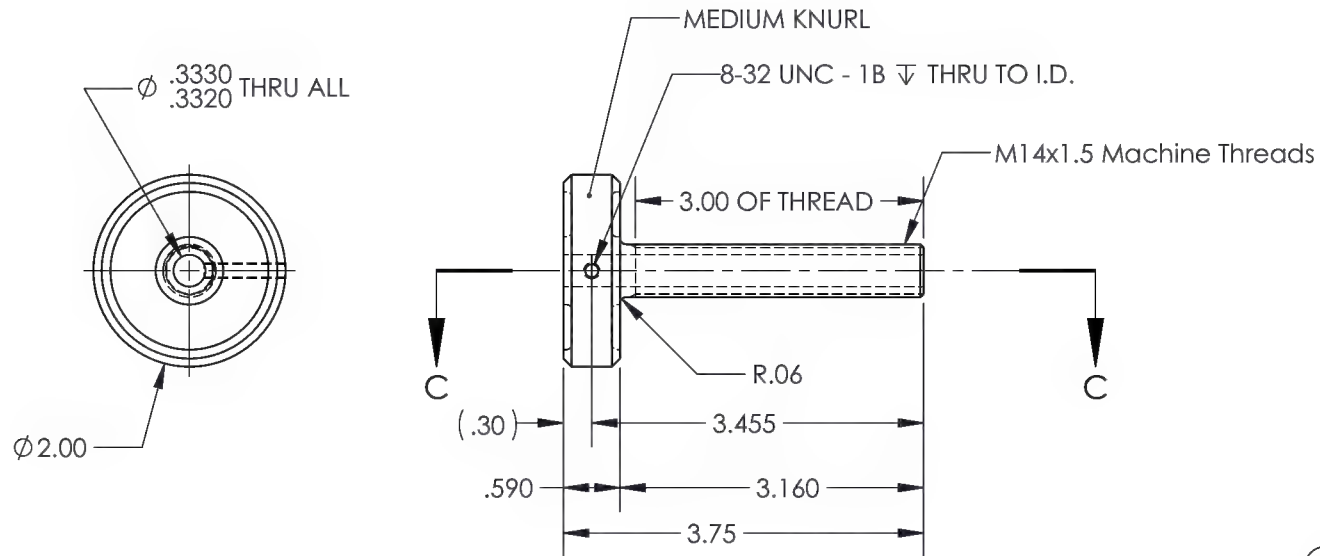
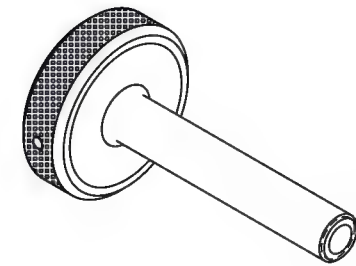
NOTE: AFTER PRESSING BUSHING (-23) INTO KNOB (-19),
SLIDE ROD (-21) INTO ASSEMBLY, THEN THREAD
SET SCREW (-31) INTO ASSEMBLY UNTIL IT
PROTRUDES 25% INTO THRU HOLE.

-17
KNOB ASSY

RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00-17	REV
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER
SCALE 1:2	DATE 1/12/2012
SHEET 10 OF 17	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

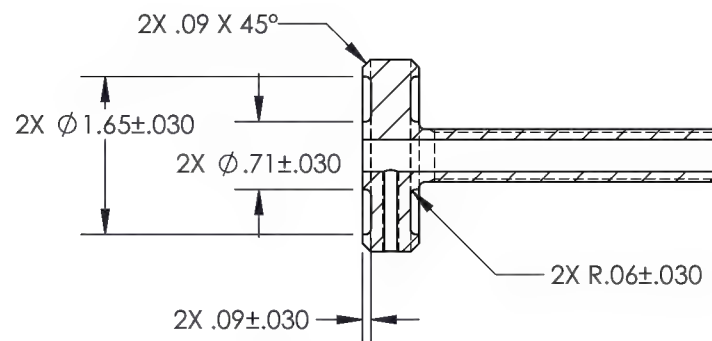


UNDER REVIEW

URF 19-936 19.10.23 (VM)

(-19)

KNOB

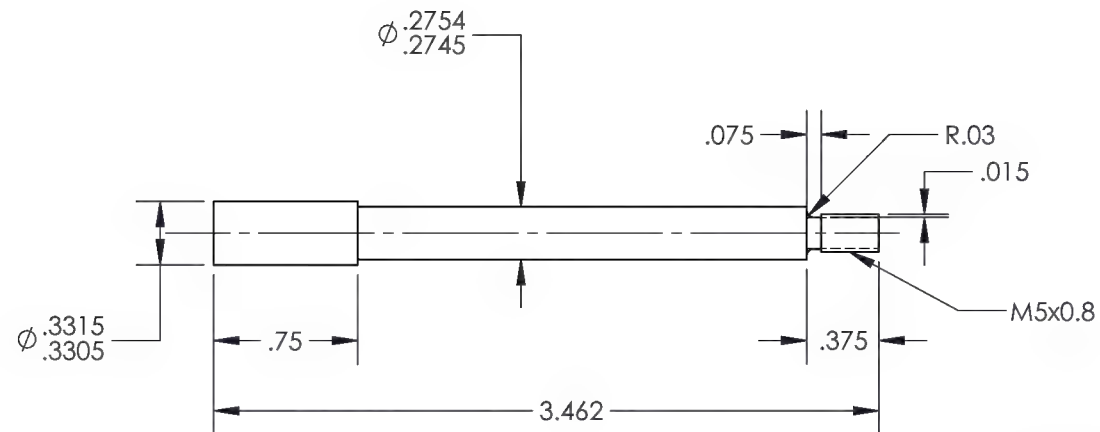
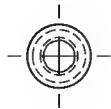
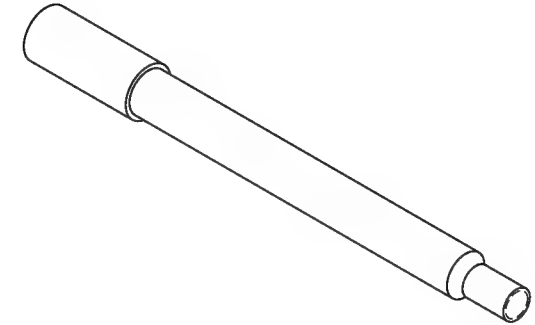


SECTION C-C

RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00-19	REV
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8925F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER
SCALE 1:2	DATE 1/12/2012
SHEET 11 OF 17	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED





UNDER REVIEW

URF 19-936 19.10.23 (VM)

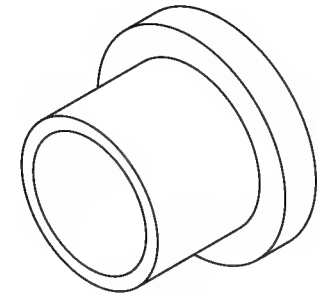
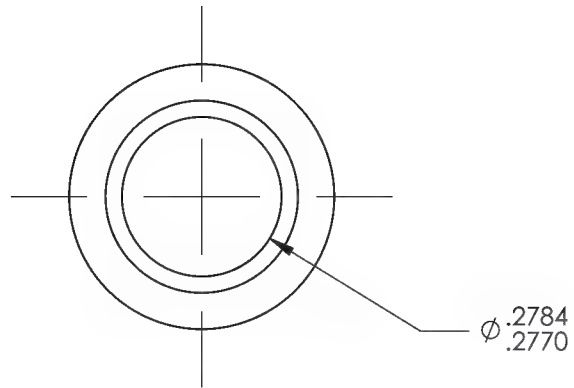
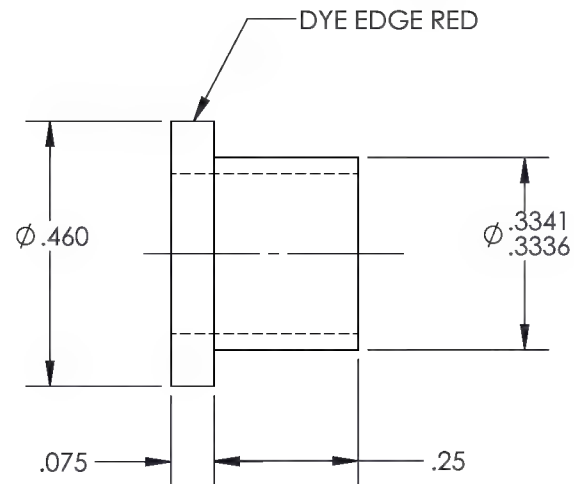
(-21)

ROD

 RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00-21	REV
MAT'L 4140	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH CAD PLATE YELLOW SPEC QQ-416F, TYPE II, CLASS II USED ON MODEL EUROCOPTER
SCALE 1:1	DATE 1/12/2012
SHEET 12 OF 17	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED





UNDER REVIEW

URF 19-936 19.10.23 (VM)

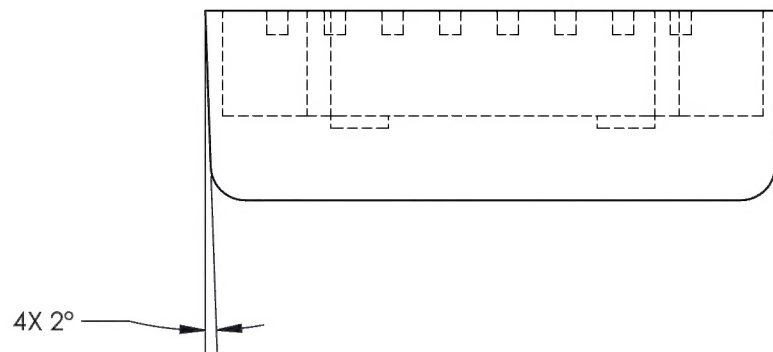
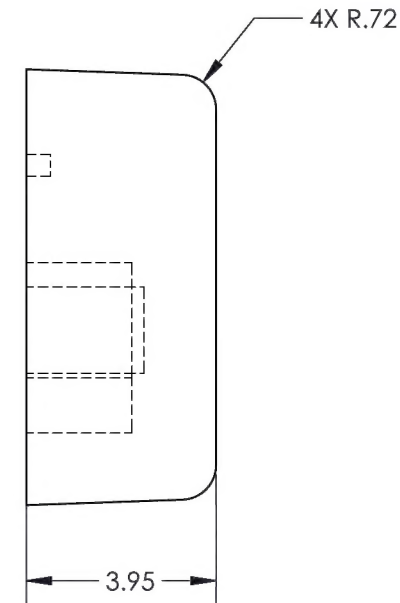
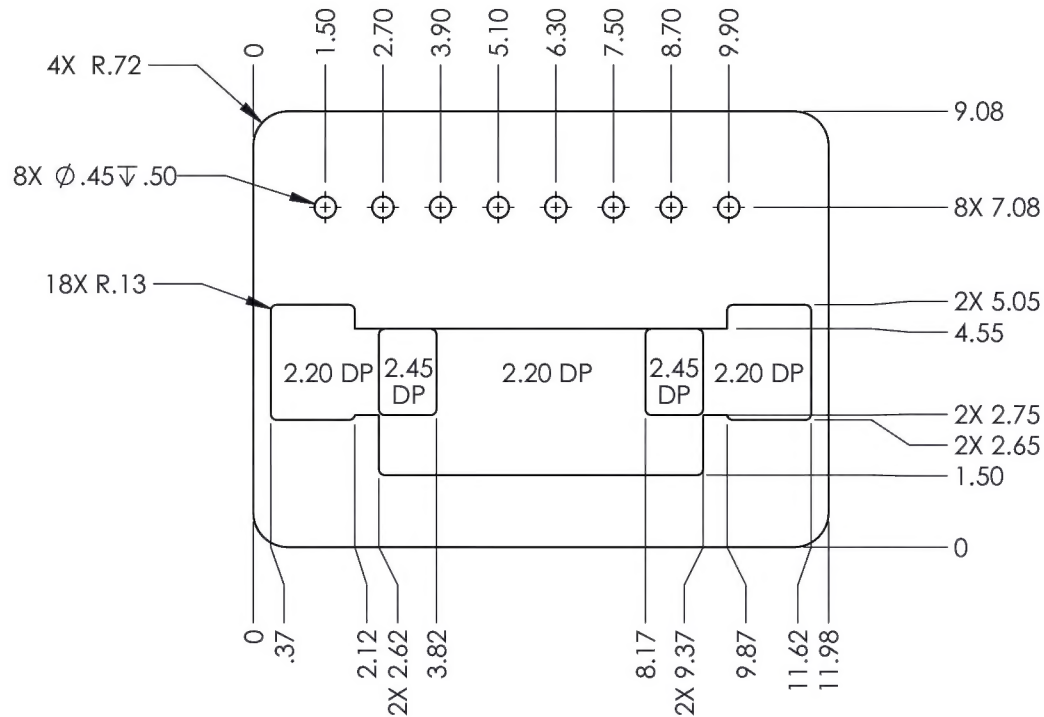
(-23)

BUSHING

 RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00-23	REV
MAT'L BRASS	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm .005$.XX $\pm .01$.X $\pm .1$	APPROVED 
FRACTIONS $\pm 1/32$ ANGLES $\pm 5^\circ$	HEAT TREAT FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC USED ON MODEL EUROCOPTER
SCALE 3:1	DATE 1/12/2012
SHEET 13 OF 17	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



(-33)

BOTTOM TOOL CUSHION

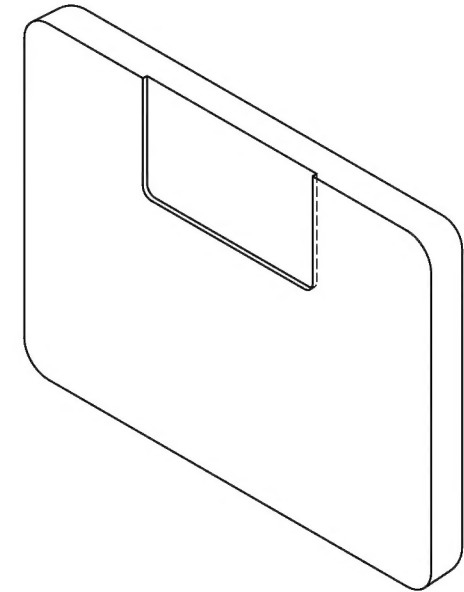
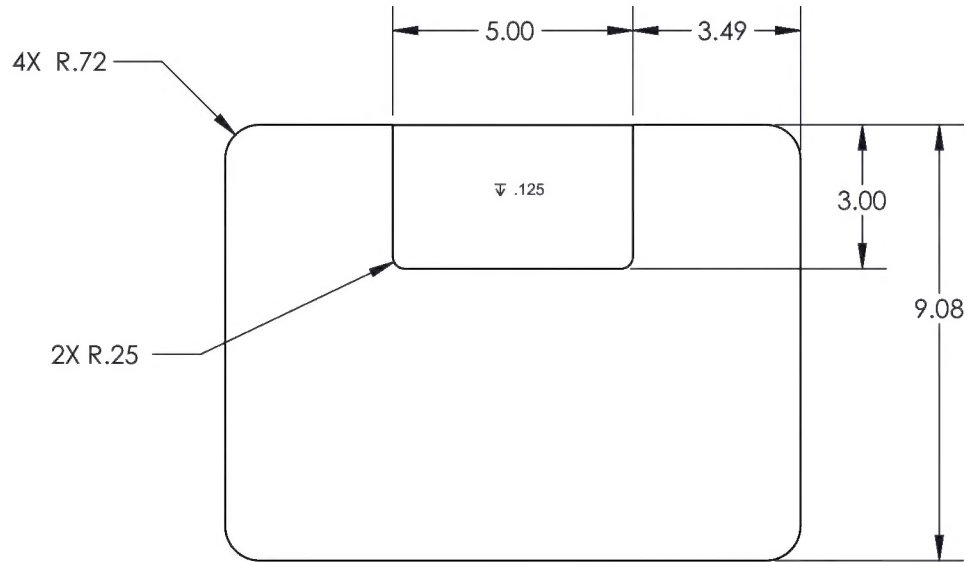
UNDER REVIEW

URF 19-936 19.10.23 (VM)

RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00-33	REV
MAT'L Y20 BLACK	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER
SCALE 1:4	DATE 1/16/2012
SHEET 14 OF 17	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

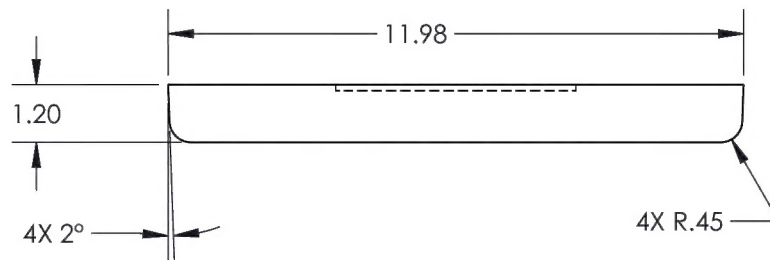


UNDER REVIEW

URF 19-936 19.10.23 (VM)

(-35)

TOP TOOL CUSHION



RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE TOOL	
DWG NO. RBE703A94-3000-00-35	REV
MAT'L Y20, BLACK	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
	HEAT TREAT
	FINISH
	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL EUROCOPTER
SCALE 1:4	DATE 1/16/2012 SHEET 15 OF 17

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

24 PT ARIAL FONT


RBE703A94-3000-00

UNDER REVIEW

URF 19-936 19.10.23 (VM)

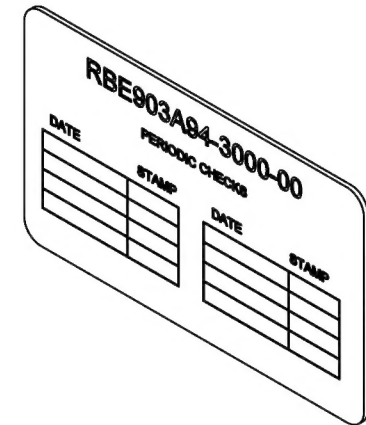
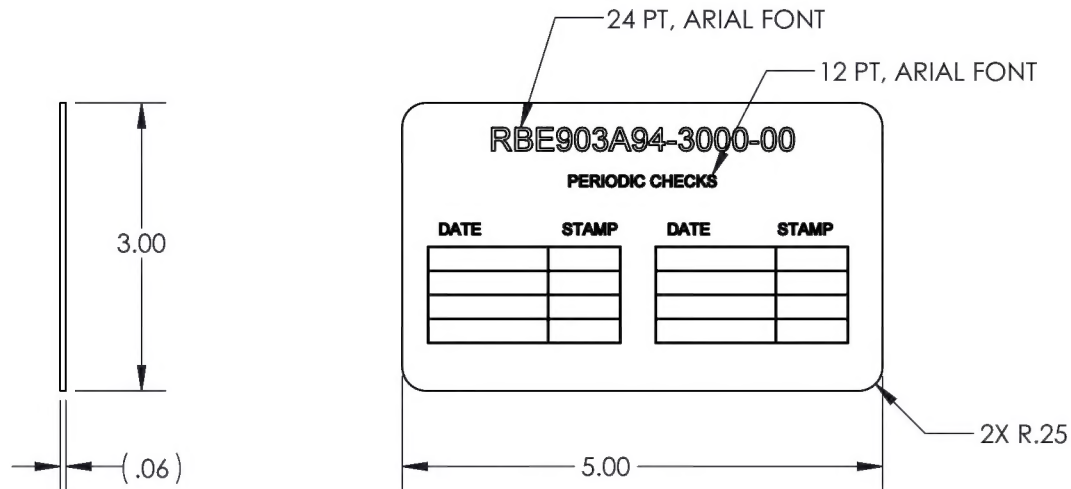
-39

STICKER

 RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE TOOL	
DWG NO. RBE703A94-3000-00-39	REV
MAT'L VINYL	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT
.XX ± .01 ANGLES ± 5°	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	EUROCOPTER
SCALE 1:1	DATE 1/16/2012
	SHEET 16 OF 17

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED


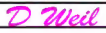


UNDER REVIEW

URF 19-936 19.10.23 (VM)

(-41)

PLACARD

 RED BARN MACHINE	
TITLE TRH BEARING CLEARANCE MEASURING TOOL	
DWG NO. RBE703A94-3000-00-41	REV
MAT'L ALUMINUM	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED  HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL EUROCOPTER
SCALE 1:2	DATE 1/16/2012
SHEET 17 OF 17	